

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(use several sheets if necessary)</i>		Docket Number 416272005200	Application Number 10/701,990
		Applicant Marc K. HELLERSTEIN	
		Filing Date 11/04/2003	Group Art Unit 1645/1657
		Mailing Date February 20, 2004	



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Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
RG	1.	08/16/1994	5,338,686	Hellerstein			
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FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
RG	8	11/19/1998	WO 98/51820	WIPO			

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EXAMINER: RG-TOMEN	DATE CONSIDERED: 1/17/07
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		<i>Meeting Abstracts</i> 16: pp A256, 2002.
<i>RG</i>	15.	Hellerstein, M. K., and R. A. Neese. Mass isotopomer distribution analysis at eight years: theoretical, analytic, and experimental considerations. <i>Am J Physiol</i> 276: E1146-70, 1999.
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<i>Re</i>	33.	Christiansen Mark P. et al. "Effect of Dietary Energy Restriction on Glucose Production and Substrate Utilization in Type 2 Diabetes." <i>Diabetes</i> 49: 1691-1699, October 2000.
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		Mailing Date February 20, 2004	

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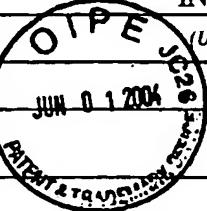
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EXAMINER:	R. G. TORMEN	DATE CONSIDERED:	1/17/07
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		Mailing Date February 20, 2004	

126	82.	Scott M. Turner et al. "Measurement of Triglyceride (TG) Synthesis in vivo $^2\text{H}_2\text{O}$ Incorporation into TG-Glycerol and Application of Mass Isotopomer Distribution Analysis (MIDA)." <i>Experimental Biology</i> 2002, 16: <i>Meeting Abstract</i> 361.9: pp A400.
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		Mailing Date May 25, 2004	
			

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
RG	1.	11/25/2003	6,653,090	Lopaschuk			
	2.	08/05/2003	6,602,715	Yatscoff et al.			
	3.	07/29/2003	6,599,750	Yatscoff et al.			
	4.	10/22/2002	6,468,802	Yatscoff et al.			
	5.	10/08/2002	6,461,870	Yatscoff et al.			

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OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
RG	6.	Bertani, Roberta et al. "Measurement of Total Body Water (TBW) Through In Vivo Dilution of Tracer Compounds: Use of D ₂ O and its Determination by FT Infrared Spectroscopy." <i>Annali di Chimica</i> 92:135-138, January 2002.
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	8.	Roberts, S. B. "Use of the doubly labeled water method for Measurement of Energy Expenditure, Total Body Water, Water Intake, and Metabolizable energy Intake in Humans and Small Animals." <i>Canadian J of Physiology and Pharmacology</i> , Vol. 67, No. 10: 1190-1198, October 1989.
	9.	Lewanczuk, Richard Z et al. "Comparison of the [¹³ C] Glucose Breath Test to the Hyperinsulinemic-Euglycemic Clamp When Determining Insulin Resistance" <i>Diabetes Care</i> , Vol. 27, No. 2:441-447, February 2004.
	10.	International Search Report mailed on April 13, 2004, for PCT application no. PCT/US03/20052 filed on June 25, 2003, 3 pages.

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JUN 14 2004

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		Filing Date November 4, 2003	Group Art Unit 1645 / 657
		Mailing Date June 9, 2004	

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OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
12G	1.	Hellerstein, Marc K. "In Vivo Measurement of Fluxes Through Metabolic Pathways: The Missing Link in Functional Genomics and Pharmaceutical Research" <i>Annu. Rev. Nutr.</i> 23: 379-402, March 2003.

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Form PTO-1449 <i>O I P E 56783 AUG 06 2004 U.S. PATENT AND TRADEMARK OFFICE</i>	Docket Number 416272005200	Application Number 10/701,990
INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Applicant Marc K. HELLERSTEIN	
	Filing Date November 4, 2003	Group Art Unit 1645 / 657
	Mailing Date August 3, 2004	

U.S. PATENT DOCUMENTS

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RG	1.	06/17/04	US 2004/0115131 A1	Hellerstein			

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OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
RG	2.	International Search Report mailed on July 9, 2004, for PCT patent application no. PCT/US03/35107 filed on November 4, 2003, 2 pages.

EXAMINER: *R Gitterman*

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ALTERNATIVE TO PTO/SB/08a/b (08-03)

Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/701,990
				Filing Date	November 4, 2003
				First Named Inventor	Marc K. HELLERSTEIN
				Art Unit	1645 / 657
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	416272005200

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		
12G	1.	US-5,961,470	10/05/1999	Wagner et al	

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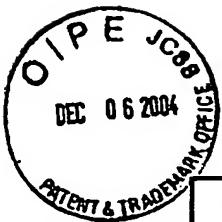
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
12G	2.	International Search Report for PCT application PCT/US03/23340, filed July 25, 2003, mailed August 18, 2004: 4 pages.			
	3.	International Search Report for PCT application PCT/US03/29526, filed September 16, 2003, mailed August 18, 2004: 3 pages.			
	4.	BIER, D. M. (1997) "Stable isotopes in biosciences, their measurement and models for amino acid metabolism" <i>Eur J Pediatr</i> 156 (Supp. 1): S2-S8.			
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Examiner Signature	12 G. TOWNER	Date Considered	1/17/07
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ALTERNATIVE TO PTO/SB/08a/b (06-03)

Substitute for form 1449/PTO				Complete If Known	
				Application Number	10/701,990
				Filing Date	November 4, 2003
				First Named Inventor	Marc K. HELLERSTEIN
				Art Unit	1645/657
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	416272005200

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RG	1.	Ajie, H. O. et al. (1995). "In Vivo Study of the Biosynthesis of Long-Chain Fatty Acids Using Deuterated Water" <i>American Physiological Society</i> : E247-E252.			T ⁶
RG	2.	Jones, Peter J. H. et al. (1994). "Interaction of Dietary Fat Saturation and Cholesterol Level on Cholesterol Synthesis Measured Using Deuterium Incorporation" <i>Journal of Lipid Research</i> , Vol. 35: 1093-1101.			

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Examiner Signature	R Gutierrez	Date Considered	1/17/07
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Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/701,990
				Filing Date	November 4, 2003
				First Named Inventor	Marc K. HELLERSTEIN
				Art Unit	1645 / 657
				Examiner Name	Not Yet Assigned
Sheet	1	of	8	Attorney Docket Number	416272005200

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	2.	US-5,439,803	08-08-1995	Ross et al.	
	3.	US-5,961,470	10-05-1999	Wagner et al.	
	4.	US-6,653,076	11-25-2003	Franza, Jr. et al.	
	5.	US-2003/0148533	08-07-2003	Malloy et al.	
	6.	US-2003/0180710	09-25-2003	Lee et al.	
	7.	US-2003/0180800	09-25-2003	Lee et al.	
	8.	US-2003/0228259-A1	12-11-2003	Hellerstein	
	9.	US-2004/0081994	04-29-2004	Hellerstein	
	10.	US-2004/0091943	05-13-2004	Schneider	
	11.	US-2004/0152994	08-05-2004	Meier-Augenstein	
	12.	US-2004/0253647	12-16-2004	Mathews et al.	
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	15.	US-10/519,121	FD 09-15-2003	Hellerstein	
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	18.	US-10/872,280	FD 06-17-2004	Hellerstein	
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	26.	WO-03/061479-A1	07/31/2003	Hellerstein	
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	28.	WO-03/087314-A2	10/23/2003	Hellerstein	
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	32.	WO-04/024941-A2	03/25/2004	Hellerstein	

Examiner Signature	R. GEORGE	Date Considered	1/17/07
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Substitute for form 1449/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/701,990
(Use as many sheets as necessary)				Filing Date	November 4, 2003
				First Named Inventor	Marc K. HELLERSTEIN
				Art Unit	1645 / 657
				Examiner Name	Not Yet Assigned
Sheet	2	of	8	Attorney Docket Number	416272005200

126	33.	WO-04/025270-A2	03/25/2004	Hellerstein	
	34.	WO-04/042360-A2	05/21/2004	Hellerstein	
	35.	WO-05/009597-A2	02/03/2005	Hellerstein	
	36.	WO-05/015155-A2	02/17/2005	Hellerstein	
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126	38.	International Search Report mailed on June 29, 2004, for PCT application no. PCT/US03/04183 filed on February 12, 2003, 4 pages			
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Examiner Signature	12. G. TONNER	Date Considered	1/17/07
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				Application Number	10/701,990
				Filing Date	November 4, 2003
				First Named Inventor	Marc K. HELLERSTEIN
				Art Unit	1645/1657
				Examiner Name	Not Yet Assigned
Sheet	3	of	8	Attorney Docket Number	
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Sheet	4	of	8	Application Number	10/701,990
				Filing Date	November 4, 2003
				First Named Inventor	Marc K. HELLERSTEIN
				Art Unit	1645/657
				Examiner Name	Not Yet Assigned
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				First Named Inventor	Marc K. HELLERSTEIN
				Art Unit	1645 / 657
				Examiner Name	Not Yet Assigned
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				Application Number	10/701,990
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				First Named Inventor	Marc K. HELLERSTEIN
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				Filing Date	November 4, 2003
				First Named Inventor	Marc K. HELLERSTEIN
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				Complete If Known
Application Number	10/701,990			
Filing Date	November 4, 2003			
First Named Inventor	Marc K. HELLERSTEIN			
Art Unit	1641/657			
Examiner Name	D. J. Vinci			
Sheet	1	of	2	Attorney Docket Number 416272005200

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				Art Unit	1641/657
				Examiner Name	D. J. Vinci
Sheet	2	of	2	Attorney Docket Number	416272005200

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				Art Unit	1641 / 657
				Examiner Name	D. J. Venci
Sheet	1	of	2	Attorney Docket Number	
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				Art Unit	1841/657
				Examiner Name	D. J. Venci
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